

CITY OF TIGARD  
ENGINEERING DEPARTMENT

BID TABULATIONS for:

**DURHAM ROAD**  
**TRAFFIC SIGNALIZATION AT 98TH AVENUE**  
*Project No. ST 02-07*

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT	ENGINEER'S ESTIMATE		PARKER NORTHWEST PAVING COMPANY		KERR CONTRACTORS		D & D CONCRETE & UTILITIES	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	*****	L.S.	*****	\$3,000.00	*****	\$6,000.00	*****	\$13,498.00	*****	\$11,000.00
2	TRAFFIC CONTROL	*****	L.S.	*****	\$3,000.00	*****	\$2,000.00	*****	\$1,000.00	*****	\$4,800.00
3	EROSION CONTROL	*****	L.S.	*****	\$1,500.00	*****	\$250.00	*****	\$250.00	*****	\$900.00
4	CLEARING AND GRUBBING	*****	L.S.	*****	\$200.00	*****	\$500.00	*****	\$900.00	*****	\$1,000.00
5	SALVAGE ROADWAY SIGN	1	EA.	\$50.00	\$50.00	\$100.00	\$100.00	\$150.00	\$150.00	\$100.00	\$100.00
6	REMOVE DRAINAGE FACILITIES	*****	L.S.	\$300.00	\$300.00	*****	\$400.00	*****	\$1,750.00	*****	\$1,000.00
7	ROADWAY EXCAVATION	83	C.Y.	\$14.00	\$1,162.00	\$30.00	\$2,490.00	\$25.00	\$2,075.00	\$19.00	\$1,577.00
8	CONNECT EXIST PIPE TO CATCH BASIN	2	EA.	\$100.00	\$200.00	\$150.00	\$300.00	\$350.00	\$700.00	\$400.00	\$800.00
9	CONNECT ROOF DRAINS TO STORM PIPE	2	EA.	\$250.00	\$500.00	\$125.00	\$250.00	\$350.00	\$700.00	\$100.00	\$200.00
10	TRENCH EXCAVATION AND BACKFILL (0'-10' DEEP)	245	L.F.	\$22.00	\$5,390.00	\$30.00	\$7,350.00	\$25.00	\$6,125.00	\$20.00	\$4,900.00
11	CONCRETE SIDEWALK	1,550	S.F.	\$3.00	\$4,650.00	\$3.70	\$5,735.00	\$2.90	\$4,495.00	\$3.00	\$4,650.00
12	AC DRIVEWAY TRANSITION	342	S.F.	\$1.70	\$581.40	\$4.00	\$1,368.00	\$3.20	\$1,094.40	\$3.00	\$1,026.00
13	DRIVEWAY APRON	535	S.F.	\$3.25	\$1,738.75	\$4.00	\$2,140.00	\$3.50	\$1,872.50	\$4.00	\$2,140.00
14	RELOCATE MAILBOX	1	EA.	\$125.00	\$125.00	\$100.00	\$100.00	\$150.00	\$150.00	\$100.00	\$100.00
15	15" PVC PIPE	225	L.F.	\$20.00	\$4,500.00	\$8.00	\$1,800.00	\$11.00	\$2,475.00	\$20.00	\$4,500.00
16	4" PVC PIPE	19	L.F.	\$10.00	\$190.00	\$10.00	\$190.00	\$1.00	\$19.00	\$20.00	\$380.00
17	OVERSIZE CATCH BASIN-TYPE CG-2	2	EA.	\$800.00	\$1,600.00	\$950.00	\$1,900.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
18	3/4"-0 ROCK	13	C.Y.	\$30.00	\$390.00	\$30.00	\$390.00	\$70.00	\$910.00	\$40.00	\$520.00
19	2"-0 ROCK	53	C.Y.	\$30.00	\$1,590.00	\$30.00	\$1,590.00	\$35.00	\$1,855.00	\$40.00	\$2,120.00
20	ASPHALTIC CONCRETE	35	TONS	\$40.00	\$1,400.00	\$72.00	\$2,520.00	\$65.00	\$2,275.00	\$100.00	\$3,500.00
21	STANDARD CURB	310	L.F.	\$7.00	\$2,170.00	\$10.00	\$3,100.00	\$9.25	\$2,867.50	\$12.00	\$3,720.00
22	SAWCUT ASPHALTIC CONCRETE	330	L.F.	\$0.70	\$231.00	\$1.00	\$330.00	\$1.00	\$330.00	\$1.00	\$330.00
23	WHEELCHAIR RAMP	260	S.F.	\$5.00	\$1,300.00	\$4.20	\$1,092.00	\$3.00	\$780.00	\$3.00	\$780.00
24	RETAINING WALL	*****	L.S.	*****	\$200.00	*****	\$700.00	*****	\$750.00	*****	\$800.00
25	TRAFFIC SIGNAL INSTALLATION-COMPLETE	*****	L.S.	*****	\$92,704.00	*****	\$100,200.00	*****	\$95,351.00	*****	\$98,000.00
26	TRAFFIC STRIPE-TYPE 3	214	L.F.	\$2.50	\$535.00	\$4.60	\$984.40	\$4.20	\$898.80	\$5.00	\$1,070.00
27	TRAFFIC STRIPE-TYPE 7	133	L.F.	\$3.00	\$399.00	\$4.60	\$611.80	\$4.20	\$558.60	\$5.00	\$665.00
28	PAVEMENT MARKING-ARROWS-TYPE- 1A	4	EA.	\$250.00	\$1,000.00	\$150.00	\$600.00	\$125.00	\$500.00	\$150.00	\$600.00
29	PAVEMENT MARKING-CROSSWALK	337	S.F.	\$6.50	\$2,190.50	\$5.50	\$1,853.50	\$4.95	\$1,668.15	\$5.00	\$1,685.00
30	PAVEMENT MARKER (MONO DIRECTIONAL)	9	EA.	\$3.50	\$31.50	\$10.00	\$90.00	\$5.25	\$47.25	\$6.00	\$54.00
31	PAVEMENT MARKER (BI-DIRECTIONAL)	6	EA.	\$3.50	\$21.00	\$10.00	\$60.00	\$5.25	\$31.50	\$6.00	\$36.00
32	REMOVE TRAFFIC STRIPES & PAVEMENT MARKINGS	*****	L.S.	\$400.00	\$400.00	*****	\$1,100.00	*****	\$1,015.00	*****	\$1,200.00
33	ROADSIDE SIGN-36" X 30"	1	EA.	\$350.00	\$350.00	\$300.00	\$300.00	\$200.00	\$200.00	\$250.00	\$250.00
PROJECT TOTAL					<b>\$133,599.15</b>		<b>\$148,394.70</b>		<b>\$149,291.70</b>		<b>\$156,403.00</b>

BID TABULATIONS for:

**DURHAM ROAD**  
**TRAFFIC SIGNALIZATION AT 98TH AVENUE**  
*Project No.ST 02-07*

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT	BENGE CONSTRUCTION		ALL CONCRETE SPECIALTIES		CAMROCK EXCAVATION INC.		EAGLE-ELSNER INC,	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	*****	L.S.	*****	\$8,152.75	*****	\$11,980.00	*****	\$14,802.00	*****	\$6,900.00
2	TRAFFIC CONTROL	*****	L.S.	*****	\$4,500.00	*****	\$4,100.00	*****	\$4,432.32	*****	\$9,700.00
3	EROSION CONTROL	*****	L.S.	*****	\$500.00	*****	\$400.00	*****	\$335.80	*****	\$600.00
4	CLEARING AND GRUBBING	*****	L.S.	*****	\$400.00	*****	\$2,800.00	*****	\$1,161.88	*****	\$950.00
5	SALVAGE ROADWAY SIGN	1	EA.	\$100.00	\$100.00	\$50.00	\$50.00	\$56.00	\$56.00	\$60.00	\$60.00
6	REMOVE DRAINAGE FACILITIES	*****	L.S.	*****	\$600.00	*****	\$550.00	*****	\$865.24	*****	\$2,000.00
7	ROADWAY EXCAVATION	83	C.Y.	\$16.00	\$1,328.00	\$11.00	\$913.00	\$65.99	\$5,477.17	\$20.00	\$1,660.00
8	CONNECT EXIST PIPE TO CATCH BASIN	2	EA.	\$190.00	\$380.00	\$320.00	\$640.00	\$228.48	\$456.96	\$315.00	\$630.00
9	CONNECT ROOF DRAINS TO STORM PIPE	2	EA.	\$100.00	\$200.00	\$290.00	\$580.00	\$282.62	\$565.24	\$200.00	\$400.00
10	TRENCH EXCAVATION AND BACKFILL (0'-10' DEEP)	245	L.F.	\$25.00	\$6,125.00	\$41.00	\$10,045.00	\$20.67	\$5,064.15	\$45.00	\$11,025.00
11	CONCRETE SIDEWALK	1,550	S.F.	\$3.20	\$4,960.00	\$3.30	\$5,115.00	\$3.72	\$5,766.00	\$2.85	\$4,417.50
12	AC DRIVEWAY TRANSITION	342	S.F.	\$3.75	\$1,282.50	\$3.00	\$1,026.00	\$3.40	\$1,162.80	\$2.85	\$974.70
13	DRIVEWAY APRON	535	S.F.	\$3.75	\$2,006.25	\$4.00	\$2,140.00	\$4.40	\$2,354.00	\$3.85	\$2,059.75
14	RELOCATE MAILBOX	1	EA.	\$100.00	\$100.00	\$100.00	\$100.00	\$91.90	\$91.90	\$250.00	\$250.00
15	15" PVC PIPE	225	L.F.	\$10.00	\$2,250.00	\$9.00	\$2,025.00	\$6.26	\$1,408.50	\$9.50	\$2,137.50
16	4" PVC PIPE	19	L.F.	\$11.00	\$209.00	\$18.00	\$342.00	\$0.95	\$18.05	\$1.00	\$19.00
17	OVERSIZE CATCH BASIN-TYPE CG-2	2	EA.	\$1,200.00	\$2,400.00	\$1,250.00	\$2,500.00	\$1,114.49	\$2,228.98	\$915.00	\$1,830.00
18	3/4"-0 ROCK	13	C.Y.	\$50.00	\$650.00	\$72.00	\$936.00	\$68.53	\$890.89	\$42.25	\$549.25
19	2"-0 ROCK	53	C.Y.	\$35.00	\$1,855.00	\$22.00	\$1,166.00	\$39.32	\$2,083.96	\$35.00	\$1,855.00
20	ASPHALTIC CONCRETE	35	TONS	\$85.00	\$2,975.00	\$66.00	\$2,310.00	\$57.57	\$2,014.95	\$65.00	\$2,275.00
21	STANDARD CURB	310	L.F.	\$9.85	\$3,053.50	\$13.00	\$4,030.00	\$12.99	\$4,026.90	\$9.75	\$3,022.50
22	SAWCUT ASPHALTIC CONCRETE	330	L.F.	\$0.75	\$247.50	\$1.50	\$495.00	\$2.08	\$686.40	\$0.85	\$280.50
23	WHEELCHAIR RAMP	260	S.F.	\$5.00	\$1,300.00	\$5.00	\$1,400.00	\$5.63	\$1,463.80	\$3.50	\$910.00
24	RETAINING WALL	*****	L.S.	*****	\$2,000.00	*****	\$1,300.00	*****	\$680.00	*****	\$2,500.00
25	TRAFFIC SIGNAL INSTALLATION-COMPLETE	*****	L.S.	*****	\$104,800.00	*****	\$94,260.00	*****	\$99,700.00	*****	\$105,000.00
26	TRAFFIC STRIPE-TYPE 3	214	L.F.	\$4.35	\$930.90	\$5.00	\$1,070.00	\$4.50	\$963.00	\$4.65	\$995.10
27	TRAFFIC STRIPE-TYPE 7	133	L.F.	\$4.35	\$578.55	\$5.00	\$665.00	\$4.50	\$598.50	\$4.65	\$618.45
28	PAVEMENT MARKING-ARROWS-TYPE- 1A	4	EA.	\$130.00	\$520.00	\$285.00	\$1,140.00	\$275.00	\$1,100.00	\$138.00	\$552.00
29	PAVEMENT MARKING-CROSSWALK	337	S.F.	\$5.15	\$1,735.55	\$8.00	\$2,696.00	\$8.00	\$2,696.00	\$5.45	\$1,836.65
30	PAVEMENT MARKER (MONO DIRECTIONAL)	9	EA.	\$5.50	\$49.50	\$11.00	\$99.00	\$10.00	\$90.00	\$5.60	\$50.40
31	PAVEMENT MARKER (BI-DIRECTIONAL)	6	EA.	\$5.50	\$33.00	\$11.00	\$66.00	\$10.00	\$60.00	\$5.60	\$33.60
32	REMOVE TRAFFIC STRIPES & PAVEMENT MARKINGS	*****	L.S.	*****	\$1,055.00	*****	\$1,850.00	*****	\$1,500.00	*****	\$1,500.00
33	ROADSIDE SIGN-36" X 30"	1	EA.	\$380.00	\$380.00	\$250.00	\$250.00	\$243.60	\$243.60	\$350.00	\$350.00
PROJECT TOTAL					<b>\$157,657.00</b>		<b>\$159,039.00</b>		<b>\$165,044.99</b>		<b>\$167,941.90</b>

CITY OF TIGARD  
ENGINEERING DEPARTMENT

BID TABULATIONS for:

**DURHAM ROAD**  
**TRAFFIC SIGNALIZATION AT 98TH AVENUE**  
*Project No.ST 02-07*

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT	NUTTER CORPORATION		KT CONTRACTING		EC COMPANY		HIGHLIGHT CONSTRUCTION	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	*****	L.S.	*****	\$8,000.00	*****	\$10,000.00	*****	\$13,846.00	*****	\$1,107.92
2	TRAFFIC CONTROL	*****	L.S.	*****	\$4,000.00	*****	\$13,600.00	*****	\$5,980.00	*****	\$8,914.32
3	EROSION CONTROL	*****	L.S.	*****	\$500.00	*****	\$1,000.00	*****	\$1,000.00	*****	\$1,100.00
4	CLEARING AND GRUBBING	*****	L.S.	*****	\$1,500.00	*****	\$5,000.00	*****	\$1,750.00	*****	\$1,925.00
5	SALVAGE ROADWAY SIGN	1	EA.	\$100.00	\$100.00	\$50.00	\$50.00	\$100.00	\$100.00	\$100.00	\$100.00
6	REMOVE DRAINAGE FACILITIES	*****	L.S.	*****	\$1,200.00	*****	\$250.00	*****	\$770.00	*****	\$847.00
7	ROADWAY EXCAVATION	83	C.Y.	\$50.00	\$4,150.00	\$10.00	\$830.00	\$46.00	\$3,818.00	\$50.60	\$4,199.80
8	CONNECT EXIST PIPE TO CATCH BASIN	2	EA.	\$265.00	\$530.00	\$250.00	\$500.00	\$250.00	\$500.00	\$275.00	\$550.00
9	CONNECT ROOF DRAINS TO STORM PIPE	2	EA.	\$500.00	\$1,000.00	\$250.00	\$500.00	\$200.00	\$400.00	\$220.00	\$440.00
10	TRENCH EXCAVATION AND BACKFILL (0'-10' DEEP)	245	L.F.	\$11.00	\$2,695.00	\$37.00	\$9,065.00	\$44.00	\$10,780.00	\$48.40	\$11,858.00
11	CONCRETE SIDEWALK	1,550	S.F.	\$5.00	\$7,750.00	\$4.00	\$6,200.00	\$5.60	\$8,680.00	\$6.16	\$9,548.00
12	AC DRIVEWAY TRANSITION	342	S.F.	\$8.00	\$2,736.00	\$5.00	\$1,710.00	\$6.00	\$2,052.00	\$6.60	\$2,257.20
13	DRIVEWAY APRON	535	S.F.	\$4.00	\$2,140.00	\$5.00	\$2,675.00	\$7.00	\$3,745.00	\$7.70	\$4,119.50
14	RELOCATE MAILBOX	1	EA.	\$100.00	\$100.00	\$250.00	\$250.00	\$45.00	\$45.00	\$49.50	\$49.50
15	15" PVC PIPE	225	L.F.	\$19.00	\$4,275.00	\$10.00	\$2,250.00	\$18.00	\$4,050.00	\$19.80	\$4,455.00
16	4" PVC PIPE	19	L.F.	\$25.00	\$475.00	\$25.00	\$475.00	\$10.00	\$190.00	\$11.00	\$209.00
17	OVERSIZE CATCH BASIN-TYPE CG-2	2	EA.	\$1,200.00	\$2,400.00	\$1,250.00	\$2,500.00	\$1,250.00	\$2,500.00	\$1,375.00	\$2,750.00
18	3/4"-0 ROCK	13	C.Y.	\$110.00	\$1,430.00	\$50.00	\$650.00	\$40.00	\$520.00	\$44.00	\$572.00
19	2"-0 ROCK	53	C.Y.	\$30.00	\$1,590.00	\$50.00	\$2,650.00	\$50.00	\$2,650.00	\$55.00	\$2,915.00
20	ASPHALTIC CONCRETE	35	TONS	\$90.00	\$3,150.00	\$100.00	\$3,500.00	\$100.00	\$3,500.00	\$110.00	\$3,850.00
21	STANDARD CURB	310	L.F.	\$15.00	\$4,650.00	\$14.00	\$4,340.00	\$12.50	\$3,875.00	\$13.75	\$4,262.50
22	SAWCUT ASPHALTIC CONCRETE	330	L.F.	\$1.00	\$330.00	\$1.50	\$495.00	\$2.00	\$660.00	\$2.20	\$726.00
23	WHEELCHAIR RAMP	260	S.F.	\$5.00	\$1,300.00	\$5.00	\$1,300.00	\$7.00	\$1,820.00	\$7.70	\$2,002.00
24	RETAINING WALL	*****	L.S.	*****	\$500.00	*****	\$1,000.00	*****	\$1,900.00	*****	\$2,090.00
25	TRAFFIC SIGNAL INSTALLATION-COMPLETE	*****	L.S.	*****	\$104,500.00	*****	\$107,334.00	*****	\$106,420.00	*****	\$117,545.74
26	TRAFFIC STRIPE-TYPE 3	214	L.F.	\$5.00	\$1,070.00	\$5.00	\$1,070.00	\$4.50	\$963.00	\$4.63	\$990.82
27	TRAFFIC STRIPE-TYPE 7	133	L.F.	\$5.00	\$665.00	\$5.00	\$665.00	\$5.00	\$665.00	\$4.63	\$615.79
28	PAVEMENT MARKING-ARROWS-TYPE- 1A	4	EA.	\$310.00	\$1,240.00	\$300.00	\$1,200.00	\$275.00	\$1,100.00	\$137.50	\$550.00
29	PAVEMENT MARKING-CROSSWALK	337	S.F.	\$8.00	\$2,696.00	\$10.00	\$3,370.00	\$8.00	\$2,696.00	\$5.45	\$1,836.65
30	PAVEMENT MARKER (MONO DIRECTIONAL)	9	EA.	\$12.00	\$108.00	\$12.00	\$108.00	\$10.00	\$90.00	\$5.78	\$52.02
31	PAVEMENT MARKER (BI-DIRECTIONAL)	6	EA.	\$11.00	\$66.00	\$12.00	\$72.00	\$10.00	\$60.00	\$5.78	\$34.68
32	REMOVE TRAFFIC STRIPES & PAVEMENT MARKINGS	*****	L.S.	*****	\$1,600.00	*****	\$1,700.00	*****	\$1,500.00	*****	\$1,116.50
33	ROADSIDE SIGN-36" X 30"	1	EA.	\$125.00	\$125.00	\$250.00	\$250.00	\$200.00	\$200.00	\$379.47	\$379.47
PROJECT TOTAL					\$168,571.00		\$186,559.00		\$188,825.00		\$193,969.41